

WHAT IS CLAIMED IS:

1. A composite article comprising:
a fluoropolymer having a surface;
a substrate having a surface; and
5 a bonding composition interposed between the surface of the fluoropolymer and the surface of the substrate, the bonding composition including a light-absorbing compound and an electron donor.
2. The article of claim 59, wherein the light-absorbing compound is selected from the group consisting of an ammonium compound, a phosphonium compound, a sulfonium compound, a sulfoxonium compound, an iodonium compound, an arsonium compound, and combinations thereof.
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3. The article of claim 59, wherein the electron donor is selected from the group consisting of an amine, a phosphine, a thioether, and combinations thereof.
4. The article of claim 59, wherein the light-absorbing compound includes an ammonium compound.
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5. The article of claim 59, wherein the light-absorbing compound includes a phosphonium compound.
6. The article of claim 61, wherein the electron donor includes an amine.
7. The article of claim 64, wherein the amine is selected from the group consisting of a primary amine, an amino-substituted organosilane, and combinations thereof.
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8. The article of claim 64, wherein the amine is an alkylamine.
9. The article of claim 66, wherein the alkylamine is a fluoroalkylamine.
10. The article of claim 64, wherein the amine is an amino-substituted organosilane having a hydrolyzable substituent.

11. The article of claim 59, wherein the bonding composition includes a vinyl silane.
12. The article of claim 59, wherein the fluoropolymer is a perfluorinated polymer.
13. The article of claim 59, wherein the fluoropolymer is a partially fluorinated polymer.
14. The article of claim 59, wherein the substrate includes an inorganic substrate.
5 15. The article of claim 72, wherein the inorganic substrate is selected from the group consisting of a metal and a glass.
16. The article of claim 59, wherein the substrate includes an organic substrate.
17. The article of claim 74, wherein the organic substrate includes a non-fluorinated polymer.
10 18. A treated fluoropolymer substrate suitable for bonding to a polymeric substrate comprising a surface exposed to a combination of a light-absorbing compound and an electron donor and actinic radiation.
19. A laminated article comprising a fluoropolymer bonded to a substrate by a bonding composition including a light-absorbing compound and an electron donor exposed to actinic radiation.
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